

FIG.1

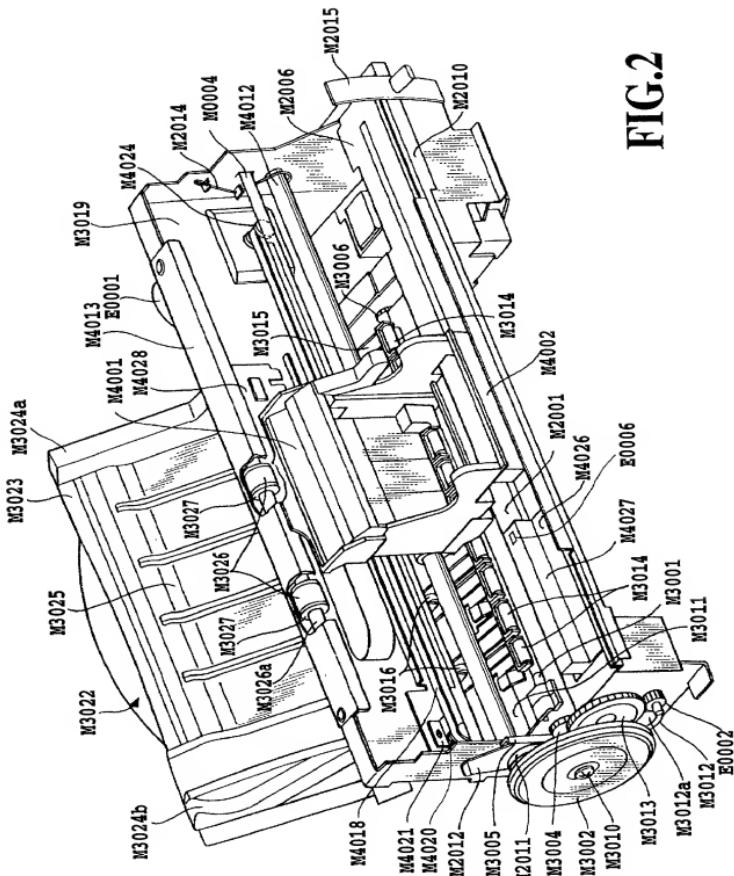


FIG.2

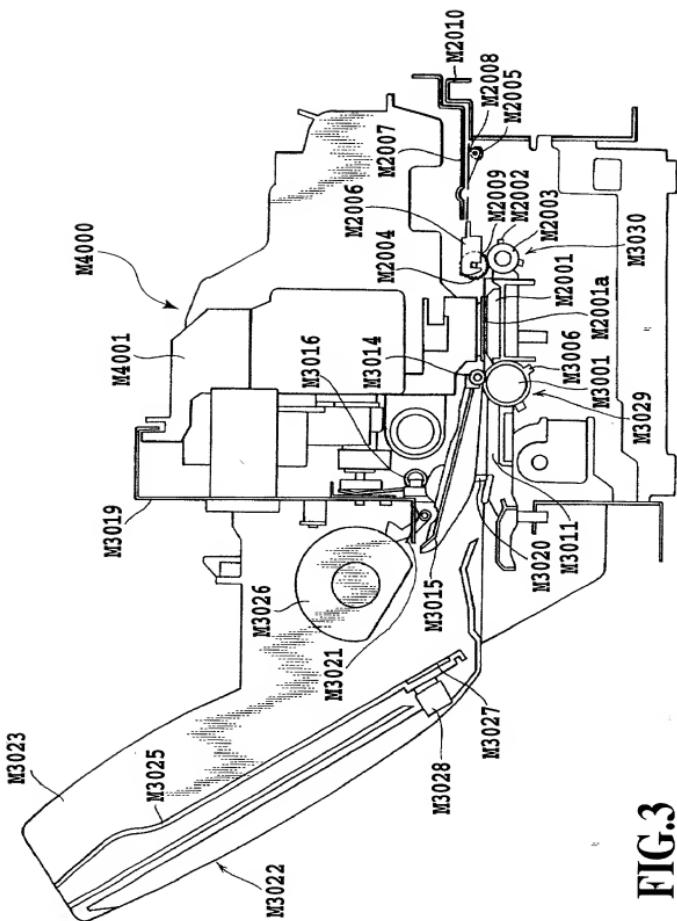
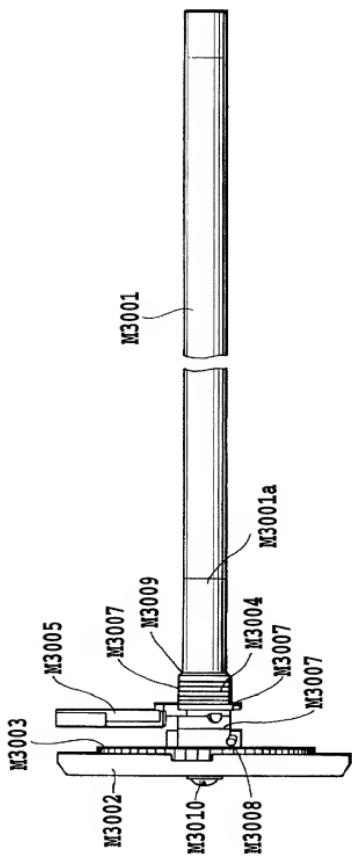


FIG.3

FIG.4



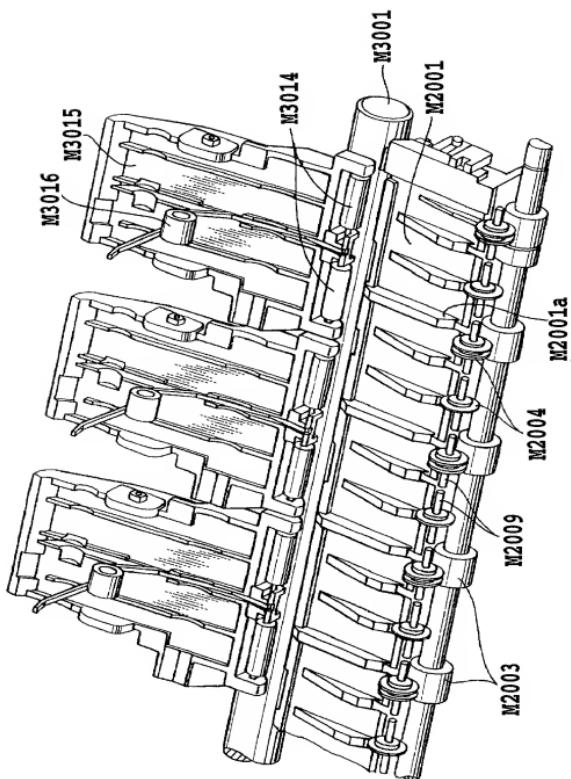


FIG.5

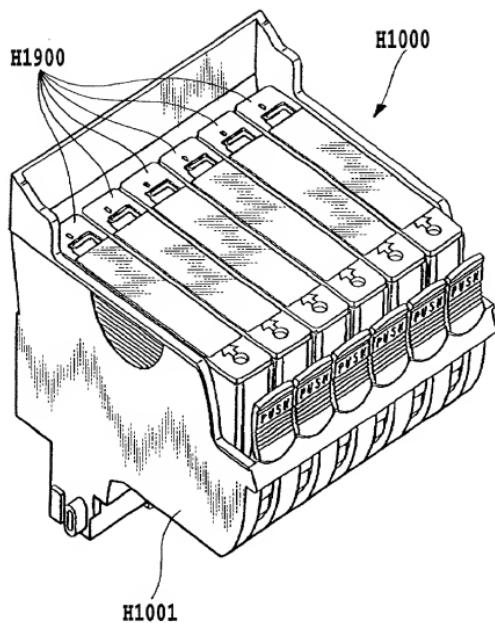


FIG.6

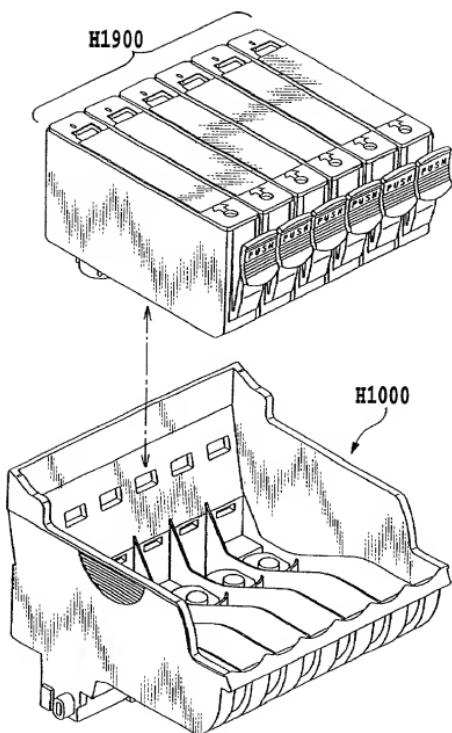
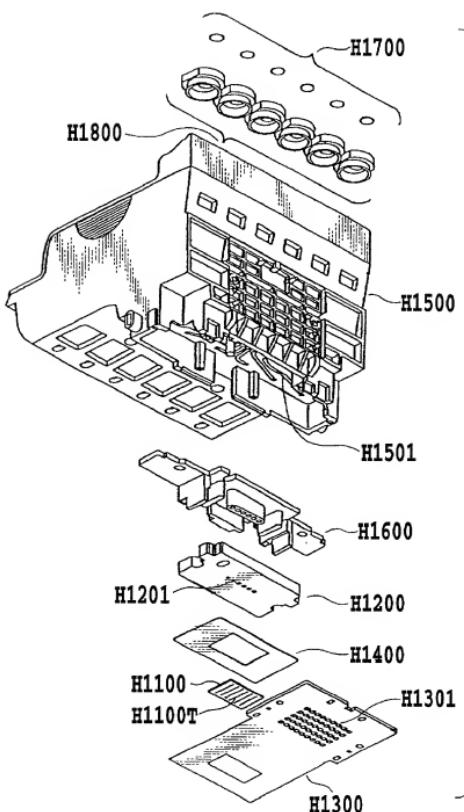


FIG.7



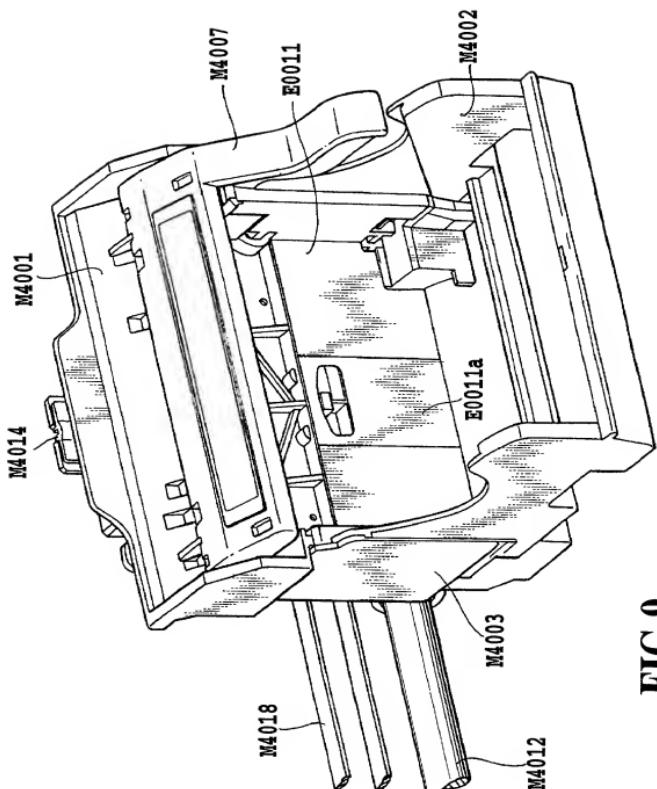


FIG.9

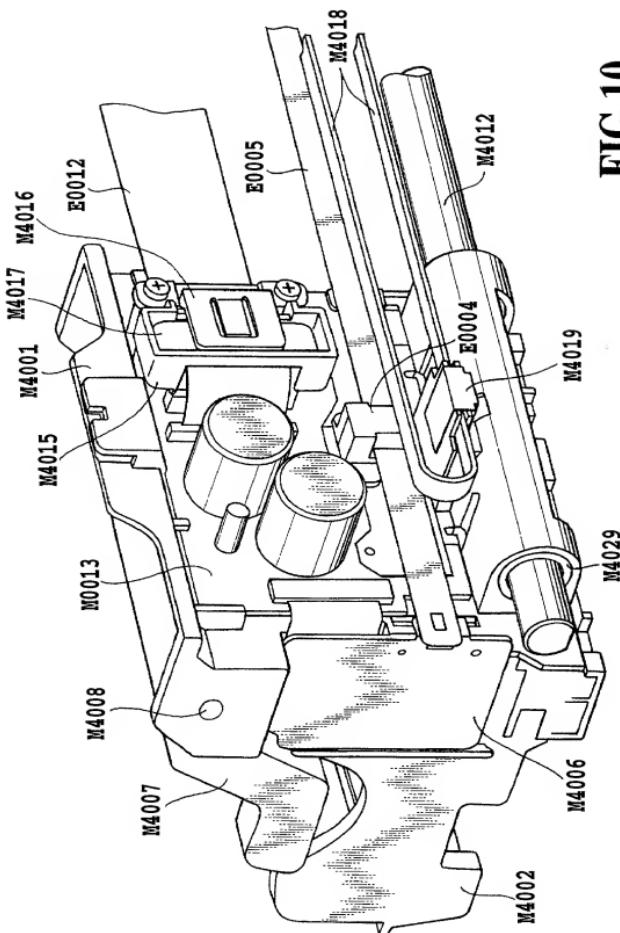


FIG.10

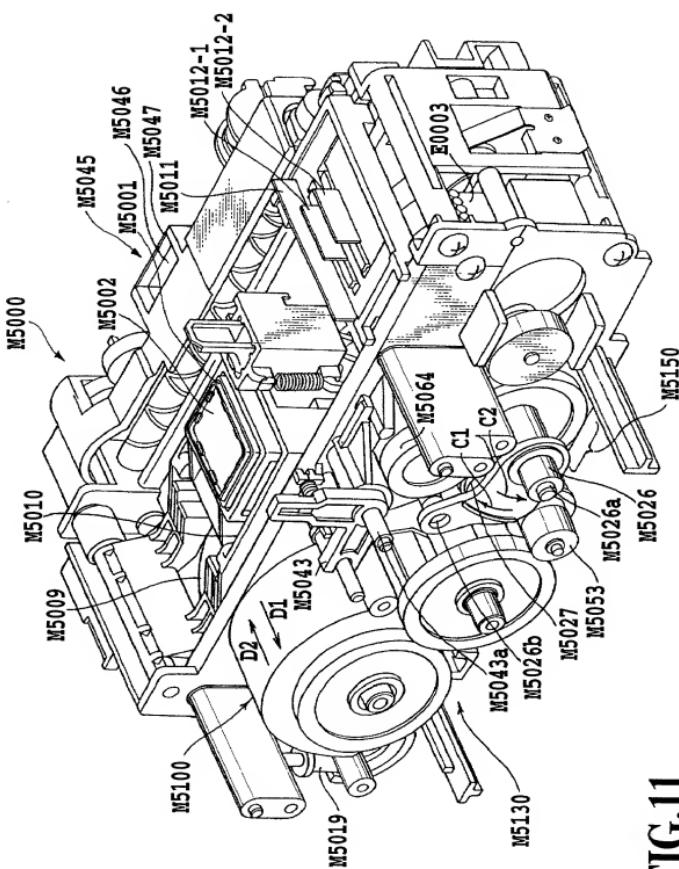


FIG.11

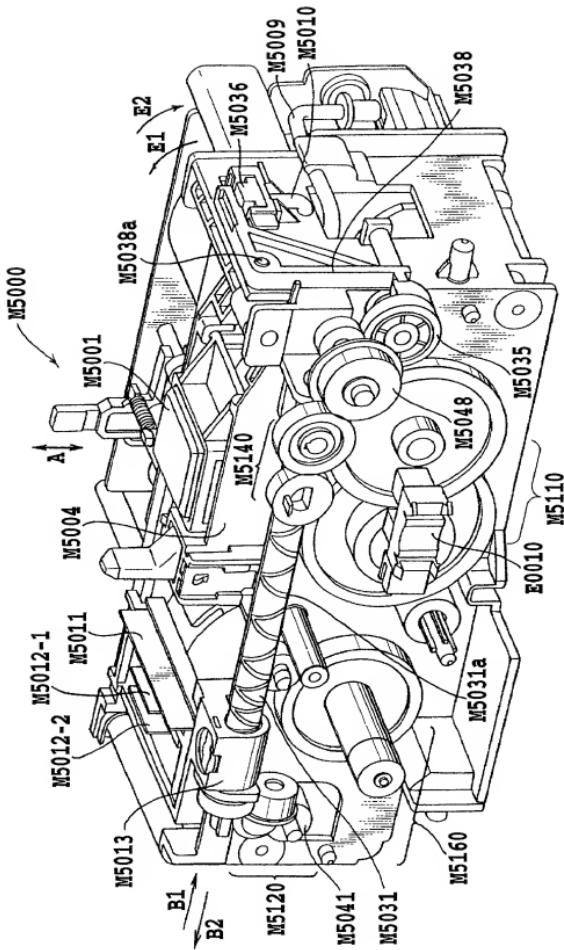


FIG 12

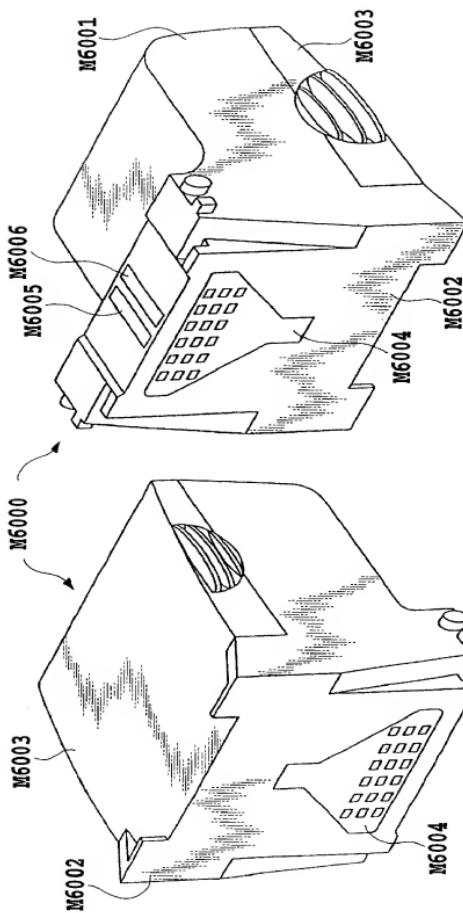


FIG.13B

FIG.13A

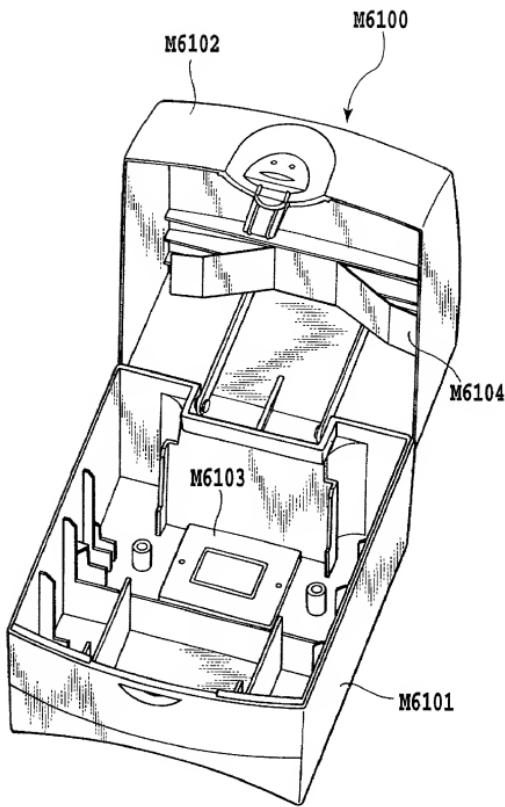


FIG.14

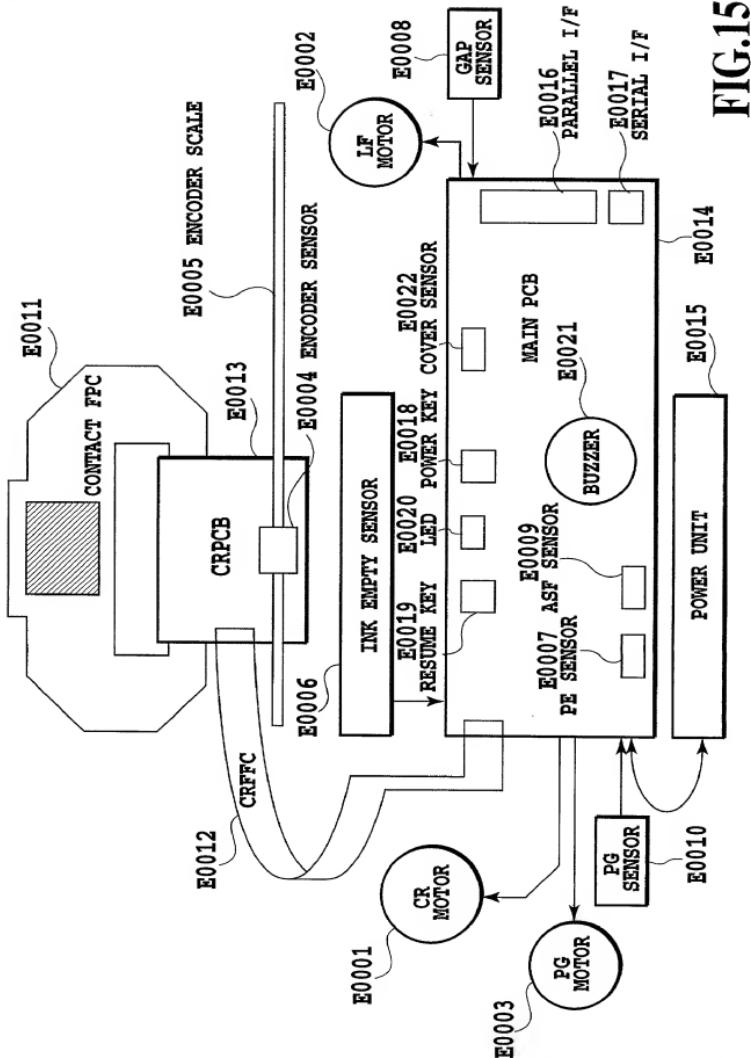


FIG.15

FIG.16

FIG.16A FIG.16B

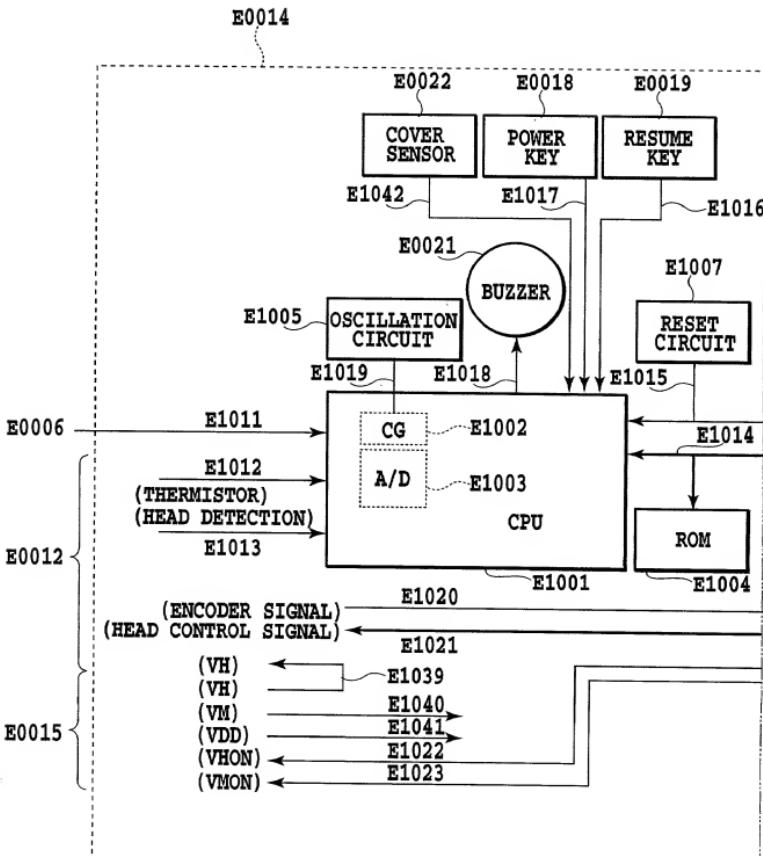


FIG.16A

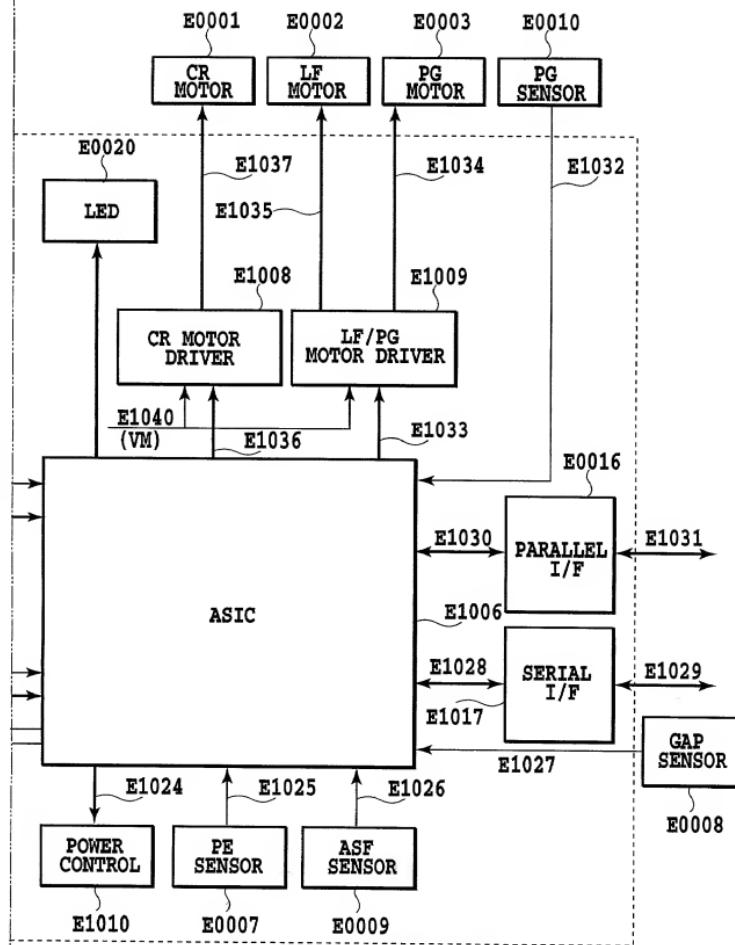


FIG.16B

FIG.17

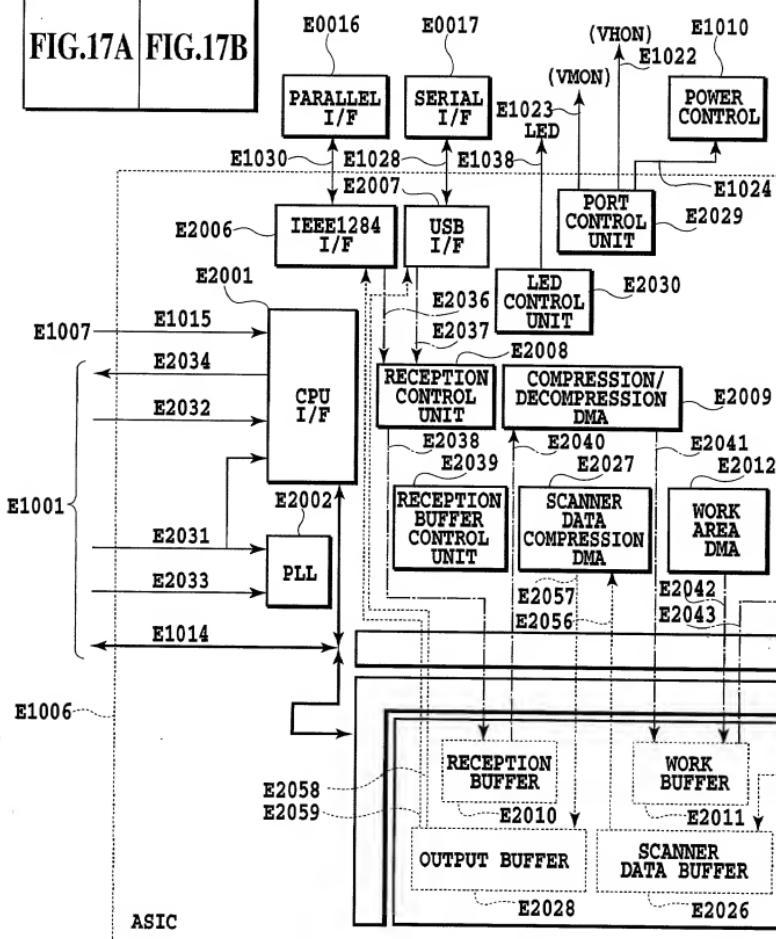
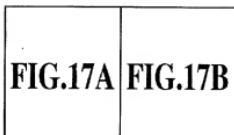


FIG.17A

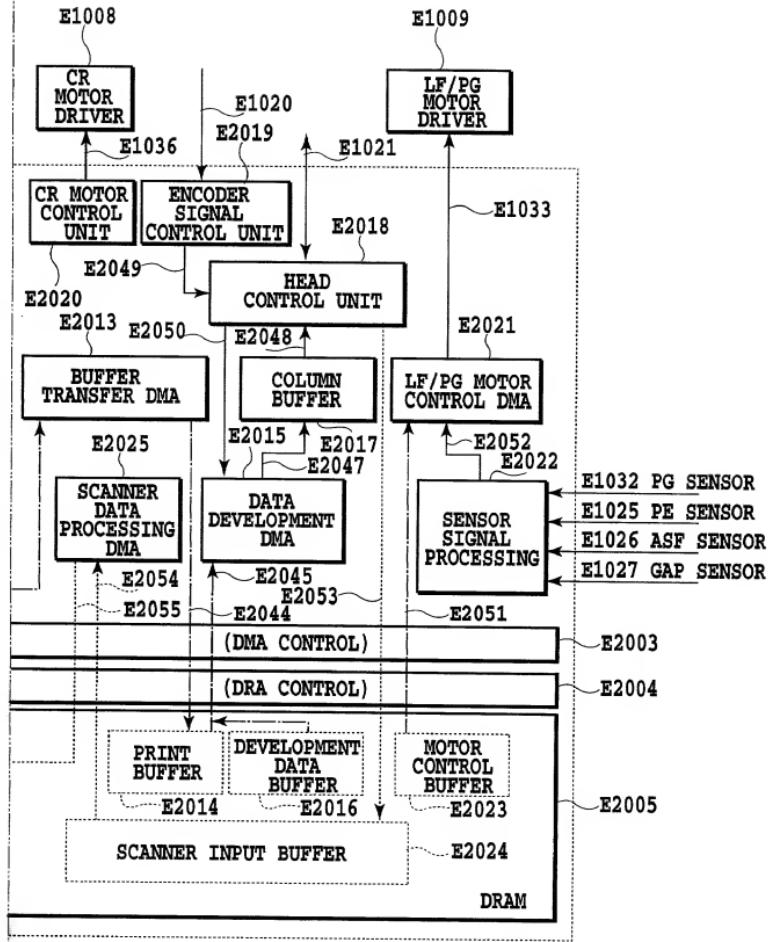


FIG.17B

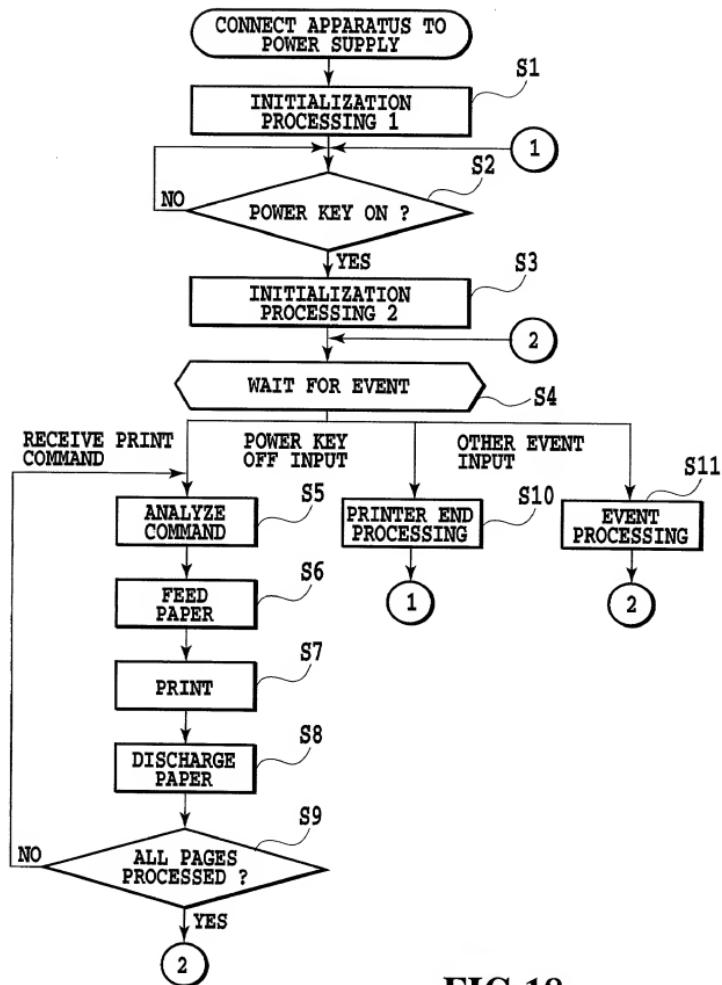
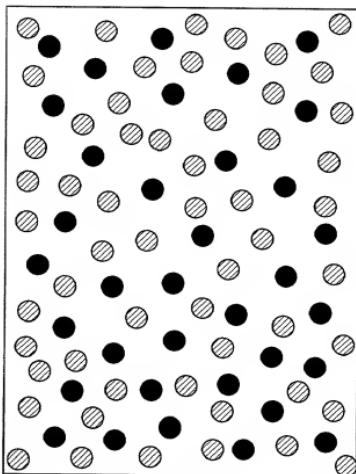


FIG. 18

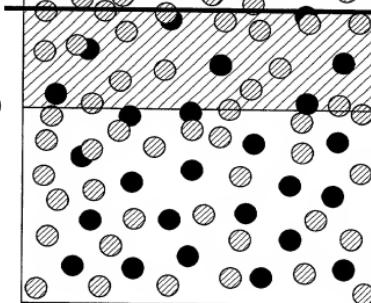
PATCH PRINTED ON
AREA OF SHEET
WHICH IS ENSURED
THAT SHEET IS FED
ACCURATELY
(FIRST AREA)

FIG.19A

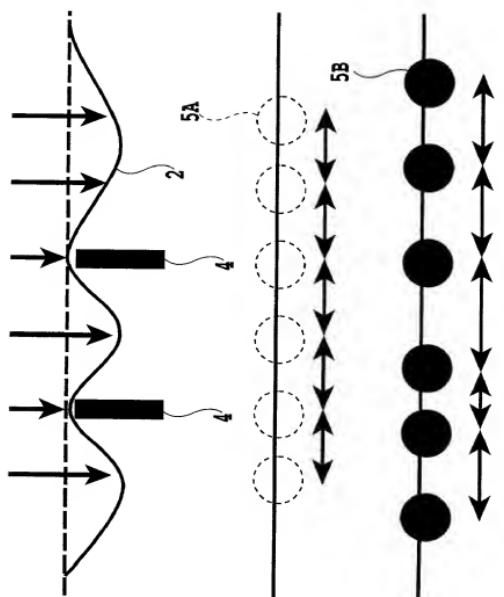


PATCH PRINTED ON
AREA OF SHEET
WHICH IS NOT
ENSURED
THAT SHEET IS FED
ACCURATELY
(SECOND AREA)

FIG.19B



- WHITE STRIPE
- WHITE STRIPE
- DOTS FORMED IN FIRST PASS
- DOTS FORMED IN SECOND PASS



DOT LANDING LOCATIONS ; IDEAL

DOT LANDING LOCATIONS ; ACTUAL

FIG.20

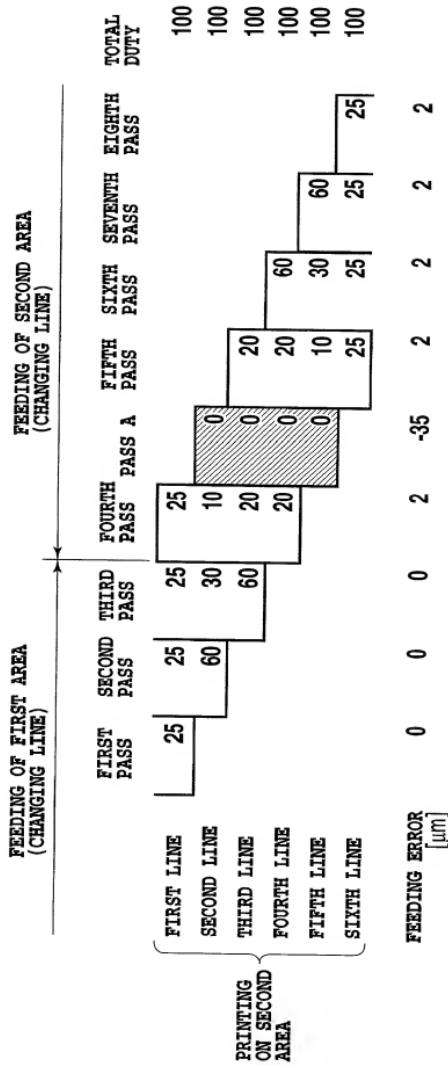


FIG.21

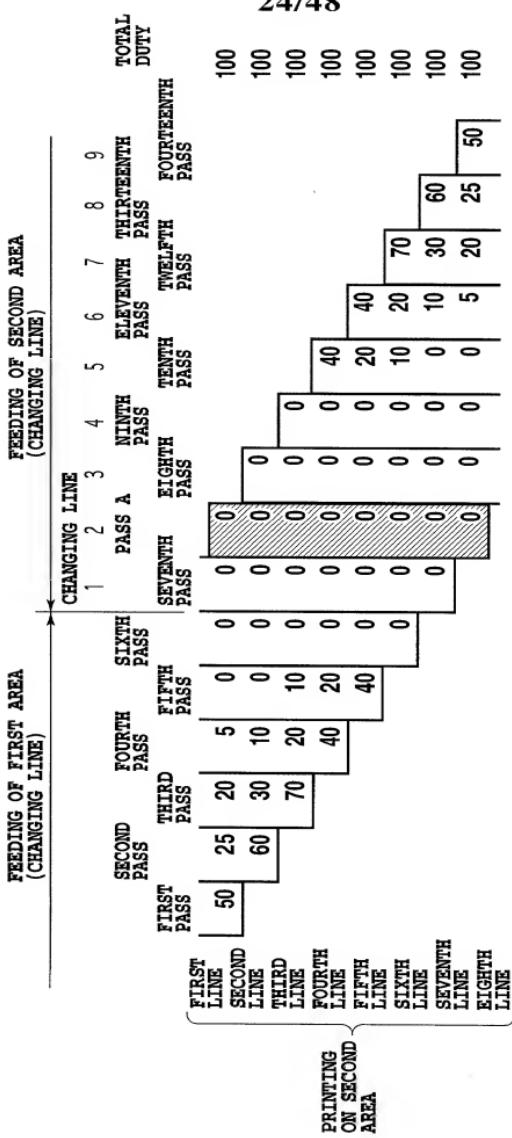
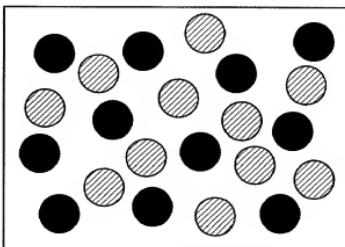


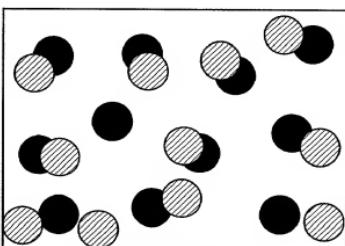
FIG.22

FIG.23A



DOT FORMATION WITHOUT
DEVIATION OF DOTS

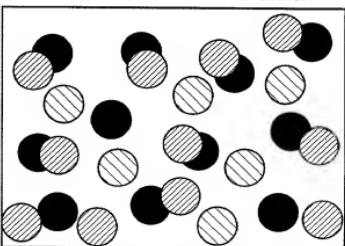
FIG.23B



- DOTS FORMED IN FIRST PASS
- ▨ DOTS FORMED IN SECOND PASS
- NOISE DOTS

DOT FORMATION WITH
DEVIATION OF DOTS
CAUSED BY FEEDING ERROR

FIG.23C



DOT FORMATION OBTAINED
BY ADDING NOISE DOTS
TO THAT OF FIG.23B

Y06260 "6250h60

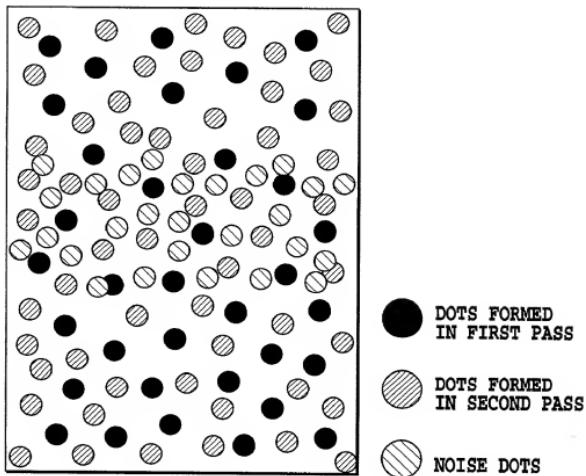
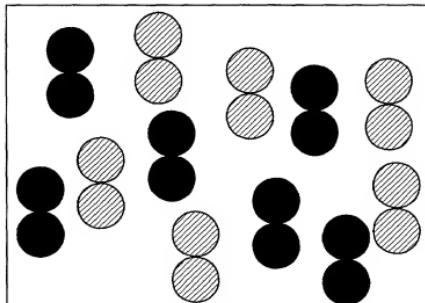


FIG.24

FIRST NEW LINE ;NOISE: 0%
SECOND NEW LINE ;NOISE: 1%
THIRD NEW LINE ;NOISE: 3%
FOURTH NEW LINE ;NOISE: 5%
FIFTH NEW LINE ;NOISE: 3%
SIXTH NEW LINE ;NOISE: 1%
SEVENTH NEW LINE ;NOISE: 0%

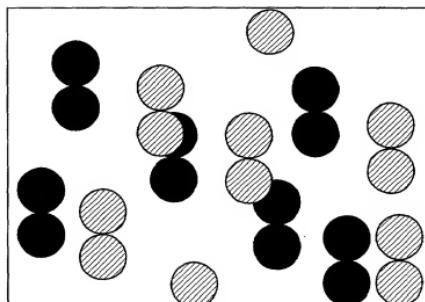
FIG.25

FIG.26A



DOT FORMATION WITHOUT FEEDING ERROR

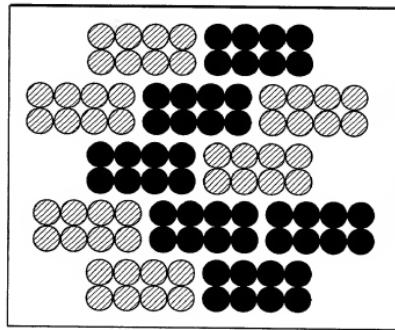
FIG.26B



DOT FORMATION WITH FEEDING ERROR

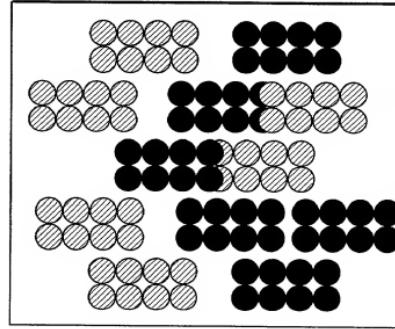
DOTS
FORMED
IN FIRST
PASS

DOTS
FORMED
IN SECOND
PASS



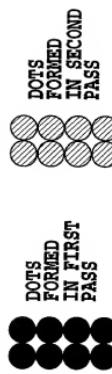
DOT FORMATION WITHOUT
FEEDING ERROR

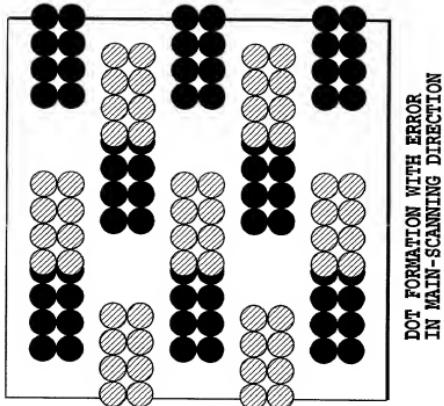
FIG.27A



DOT FORMATION WITH
FEEDING ERROR

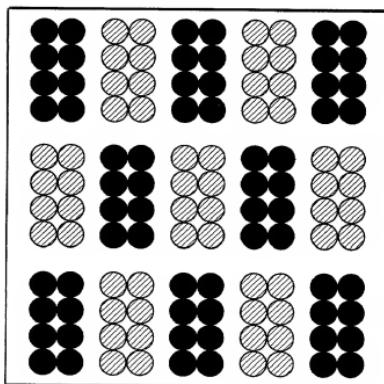
FIG.27B





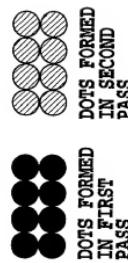
DOT FORMATION WITH ERROR
IN MAIN-SCANNING DIRECTION

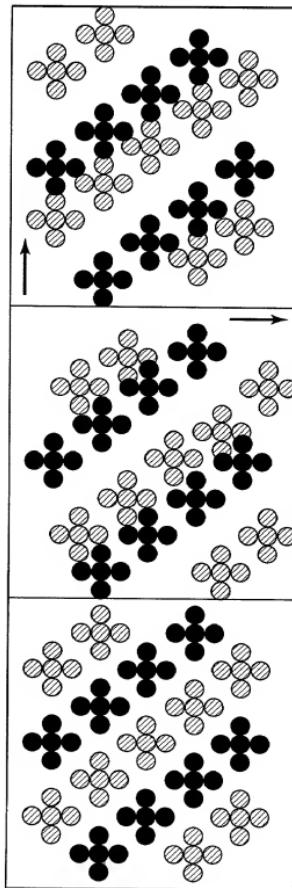
FIG.28B



DOT FORMATION WITHOUT ERROR
IN MAIN-SCANNING DIRECTION

FIG.28A





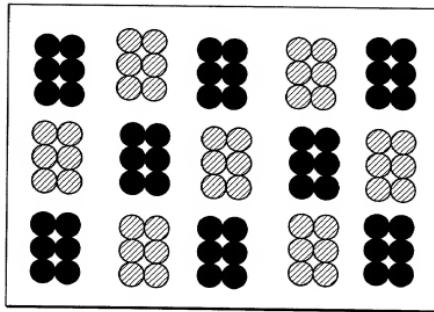
DOT FORMATION WITHOUT FEEDING ERROR
DOT FORMATION WITH ERROR IN SUB-SCANNING DIRECTION
DOT FORMATION WITH ERROR IN MAIN-SCANNING DIRECTION

FIG.29A

FIG.29C

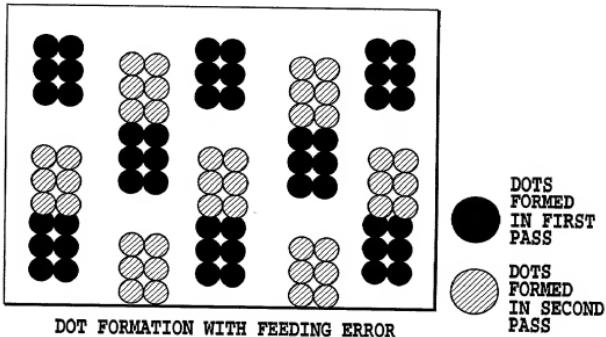


FIG.30A



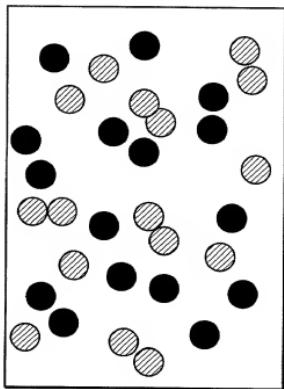
DOT FORMATION WITHOUT FEEDING ERROR

FIG.30B

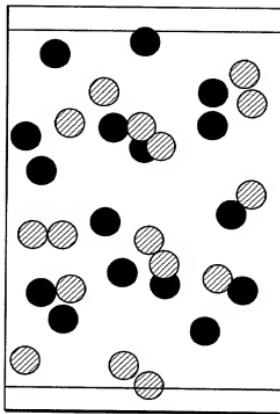


DOT FORMATION WITH FEEDING ERROR

RANDOM DOT FORMATION
(CONTAINING LOW FREQUENCY COMPONENTS)



DOT FORMATION
WITHOUT FEEDING ERROR



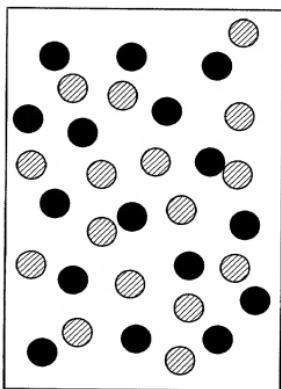
DOT FORMATION
WITH FEEDING ERROR

FIG.31A

FIG.31B

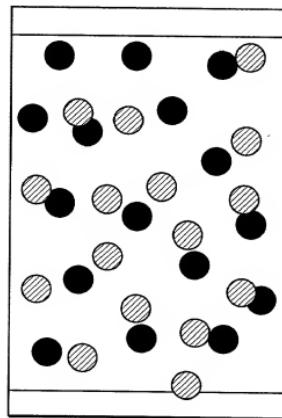


405230-62501000
DOT FORMATION WITH USE OF BLUE NOISE
(HIGH FREQUENCY COMPONENTS) MASK



DOT FORMATION
WITHOUT FEEDING ERROR

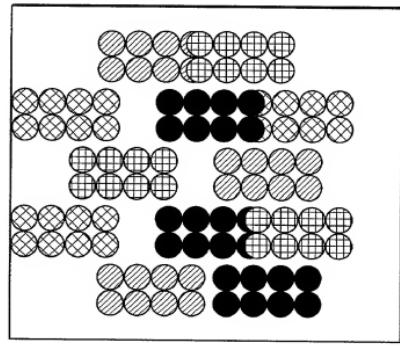
FIG.32A



DOT FORMATION
WITH FEEDING ERROR

FIG.32B

- DOTS FORMED
IN FIRST
PASS
- DOTS FORMED
IN SECOND
PASS



DOT FORMATION WITHOUT
FEEDING ERROR

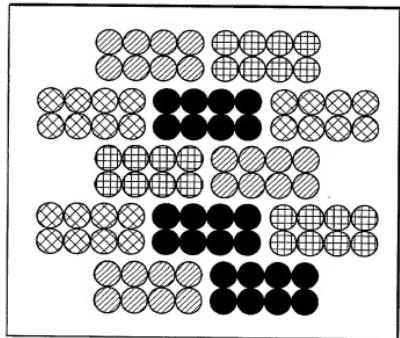
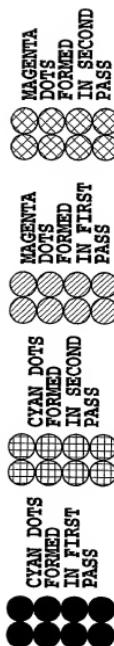
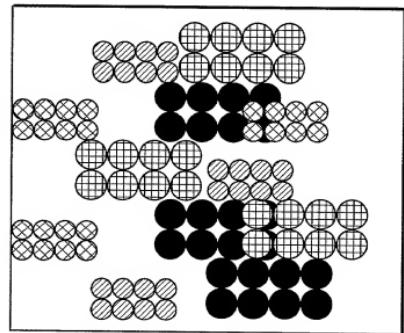


FIG.33A

DOT FORMATION WITH
FEEDING ERROR

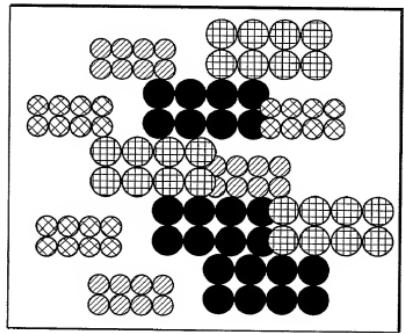
FIG.33B





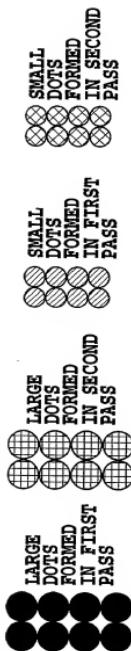
DOT FORMATION WITH
FEEDING ERROR

FIG.34B



DOT FORMATION WITHOUT
FEEDING ERROR

FIG.34A



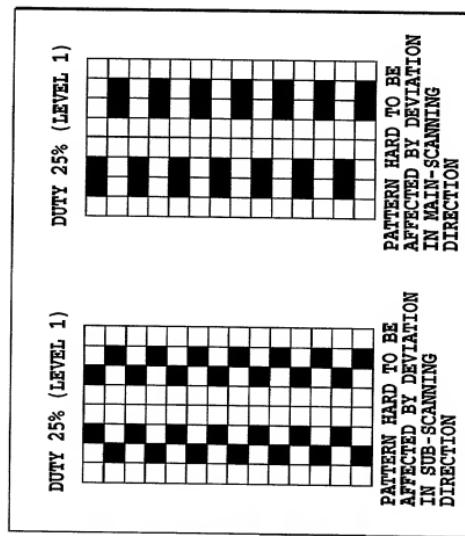


FIG.35B

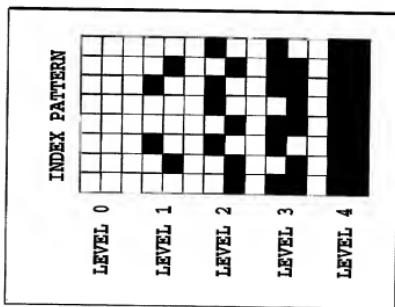


FIG.35A

NORMAL DIFFUSION
COEFFICIENT

		*	7				
5	3	1	0				

FIG.36A

DIFFUSION
COEFFICIENT USED
FOR CASE OF LARGE
DEVIATION IN
MAIN-SCANNING
DIRECTION

		*	7	5	3	2	1
8	6	5	4	3	2	1	0

FIG.36B

DIFFUSION
COEFFICIENT USED
FOR CASE OF LARGE
DEVIATION IN
SUB-SCANNING
DIRECTION

		*	9	5	2	1	
8	6	5	4	3	1	1	
5	6	3	5	5	6	6	
4	4	3	4	4	5	5	
3	3	3	4	4	3	3	
1	2	6	7	8	9	0	

* SUBJECT PIXEL

FIG.36C

CHARTER OF A CORPORATION

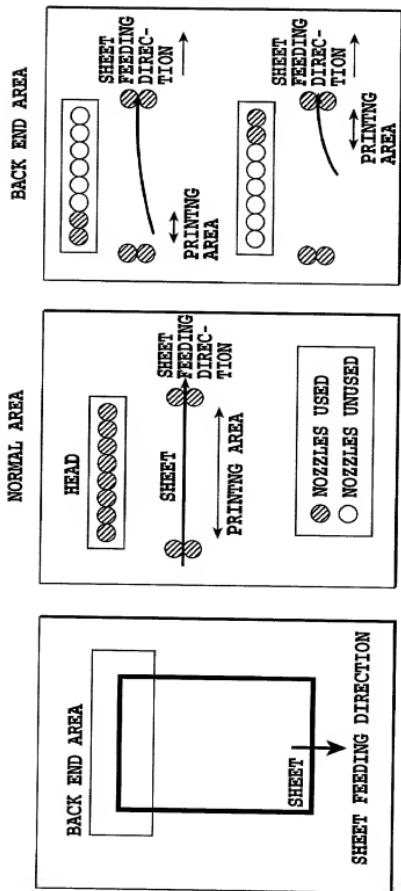
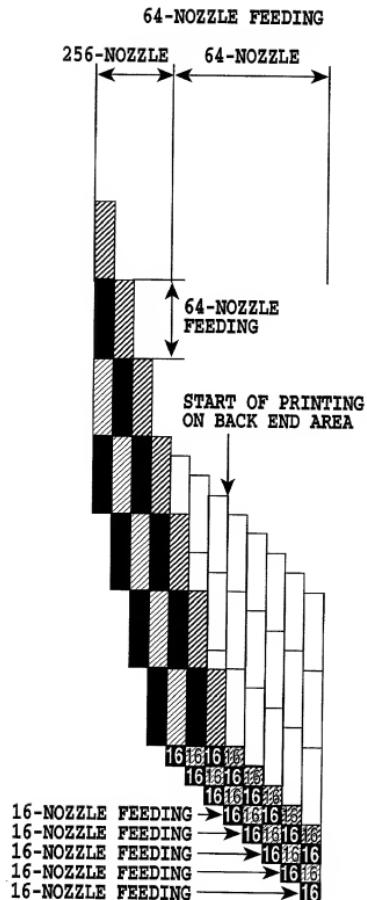


FIG.37A FIG.37B FIG.37C

**FIG.38A**

63-NOZZLE FEEDING

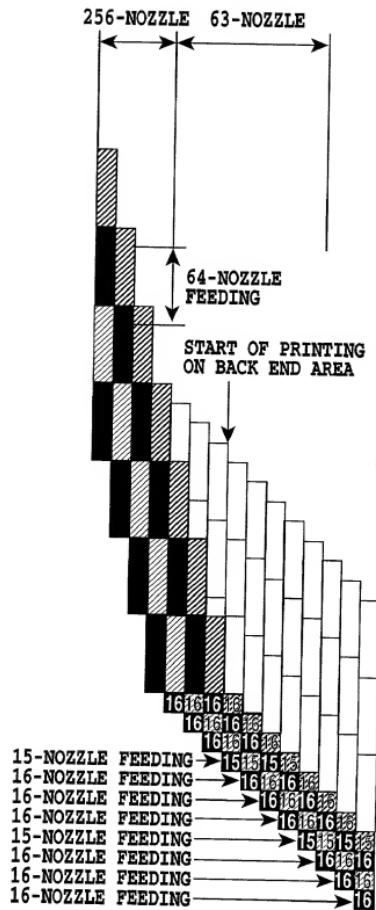


FIG.38B

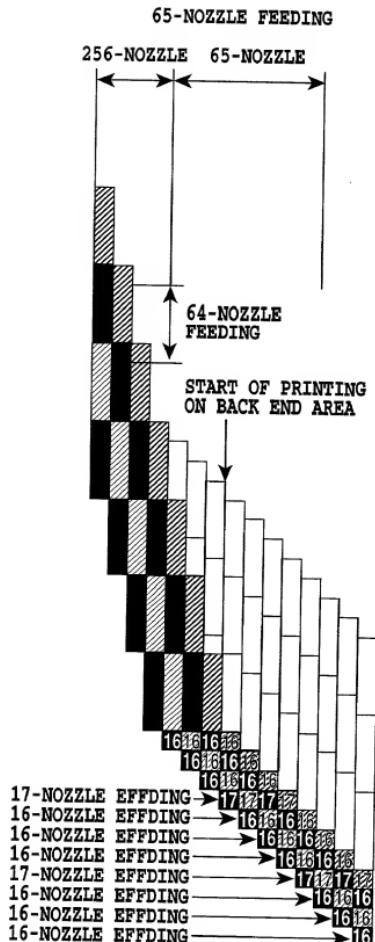


FIG.38C

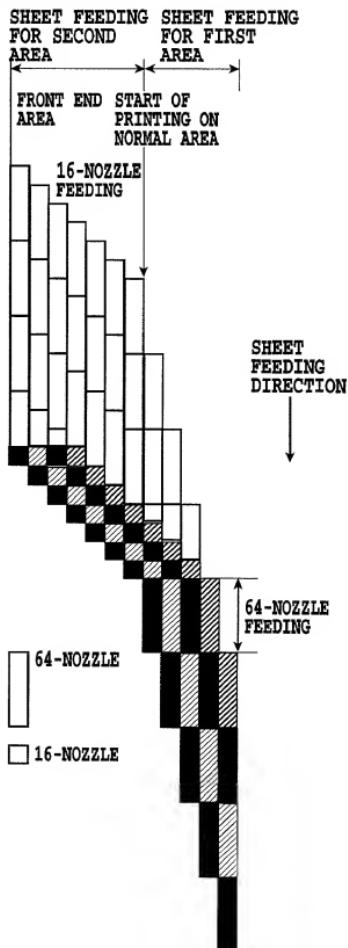
FRONT END PROCESS (4-PASS)
64/256-NOZZLE FEEDING

FIG.39A

BACK END PROCESS (4-PASS)
256/64-NOZZLE FEEDING

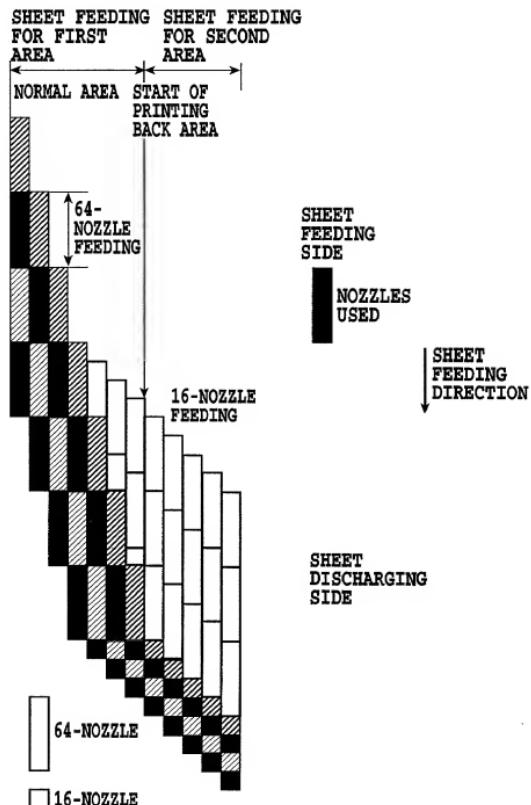


FIG.39B

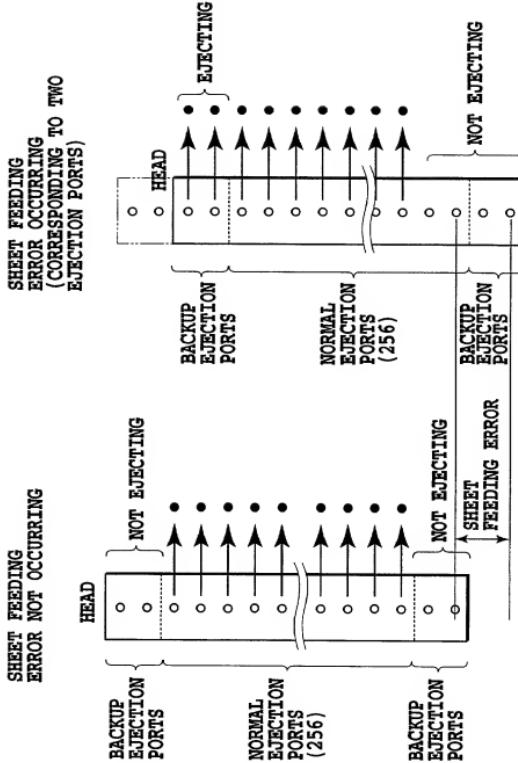


FIG.40

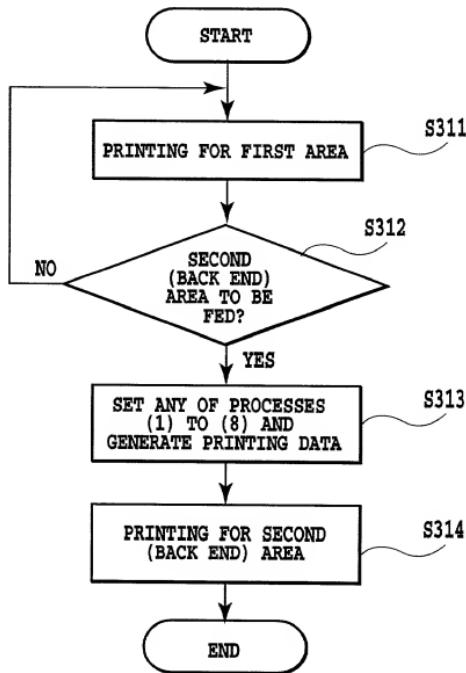


FIG.41

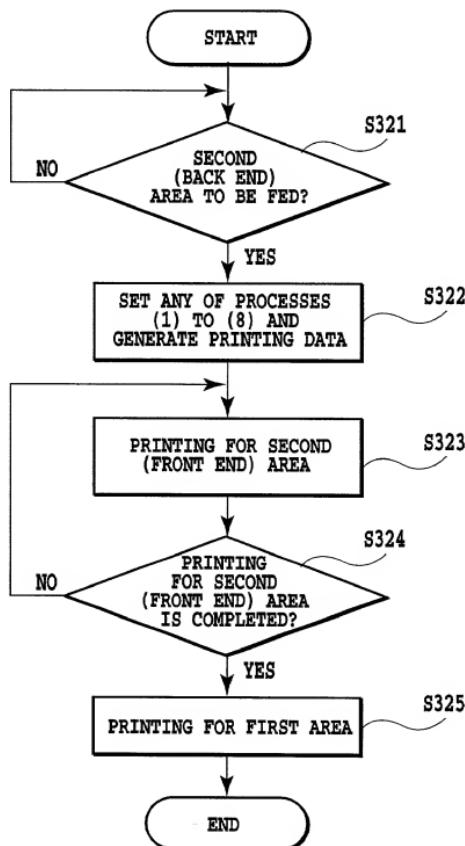


FIG.42

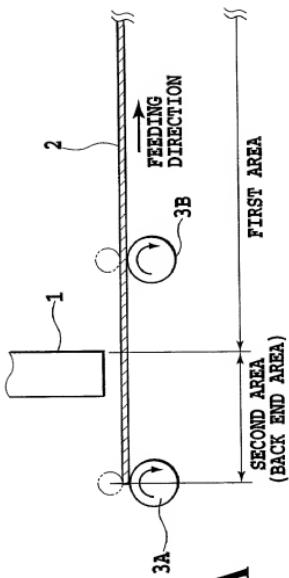


FIG.43A

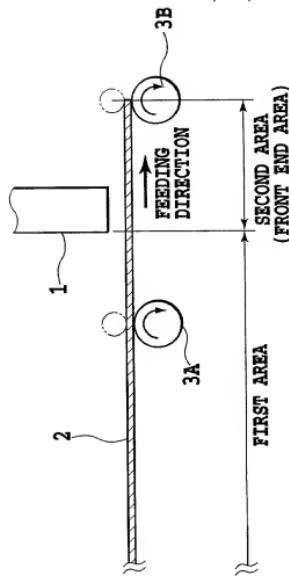


FIG.43B